

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Ethan Emeson <emesone@elwha.evergreen.edu>
Subject: 5UP1 CRT
Message-ID: <Pine.ULT.3.91.970505075747.25616C-100000@elwha.evergreen.edu>

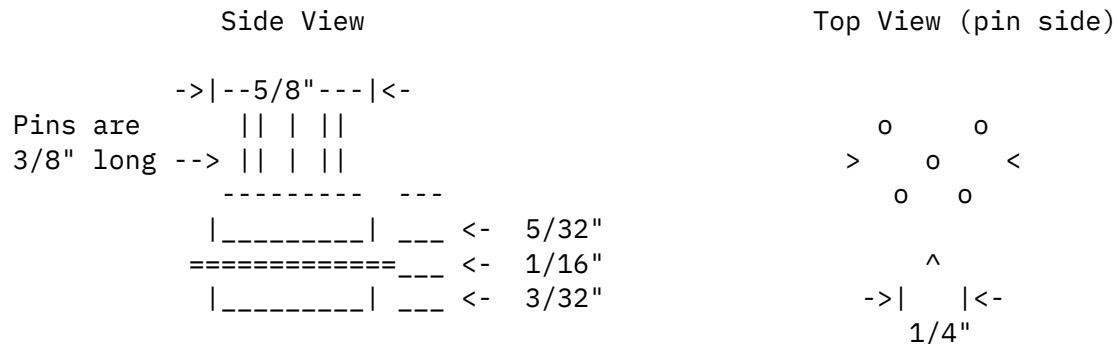
Came out of old heath O-scope. Any one got a use for it?
Ethan

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: a call for help (Cosmophone 1000)
Message-ID: <000147B3.1914@scs.philips.com>

After a year long pursuit, I finally landed a Cosmophone 1000 for my collection. This is a rare bird, as only nine production units were built. I am in the process of restoring it now with plans to use it as my main SSB station, but I need some help.

Although the transceiver and its two power supplies are intact, three cables are missing. I have identified four of the six required connectors. Two are 11 pin octal style male and female. I have these already. The other two are by Cinch-Jones. They are available in the Allied Catalog with part numbers S-406-CCTI (750-3255) and P-406-CCT (750-3254). These are six pin, 400 Series (good for 15 Amperes) units with wide, flat blades and a round, no connect key. I can buy these from Allied, but they don't meet their minimum \$50 order. If anyone has these extra, *please* contact me. Allied's price is \$9.02 for one and \$7.38 for the other. I will pay Allied's prices.

MORE IMPORTANTLY, the last two connectors I need I have not been able to identify. Fortunately they are both the same. They are males, with five pins. They look like a big brother to a DIN plug (diagram below). The connector body is round and made of plastic.



The small flange that protrudes from the main connector body has three half

circle cutouts in its perimeter. The position of these cutouts is indicated by the carats in the Top View drawing. One of these connectors is used elsewhere on the transceiver and it has no shell and also no manufacturer's markings. If anyone has insight as to who made this connector, what part number it might be or, in my wildest dreams, happen to have two of them you don't need, I will be forever grateful.

Brian Harris - WA5UEK - The Cosmophone Collector

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: AC patch cord needed
Message-ID: <199705051223.HAA22126@mail.ionet.net>

Although not exactly BA material, I couldn't think of another easy avenue to find one of these. I have acquired a nice ac/batt portable cassette rec of 70's vintage. It is missing the ac cord. The cord terminates in a 2-pin female plug that fits into recessed pins on the recorder and also shut off the battery supply. I need the female plug. I would guess the 2 pins to be about .050" dia and spaced abt 3/16". Anybody have a spare one of these in their junk box? Thanks
73/Mike

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: BA Freq test ! :-)
Message-ID: <199705051431_MC2-15FC-4C2@compuserve.com>

>The first BA FMT (Frequency Measuring Test) will take place the evening
>of May 21, 1997 at 1900 CST. That's May 22 at 0000Z. Transmissions will
>take place on the 80, 40, and 20 meter bands with the following schedule:
>1st RUN will start at 0000Z:
> ACTUAL TEST PERIOD (period 3) 0040-0045Z
>2nd RUN will start at 0200Z and will follow the same schedule as above.
=====

Midnight and 2 in the morning !!!!!

I guess I shan't be sending a log in then.

I'm confused ?? if Fred transmits on 3595, and someone with a 455khz IF and 456khz bfo measures it at 3596, so what ?

In the UK, our licence requires us to measure only the frequency we are transmitting on, not listening on, and as there are IF difference, vfo and bfo differences, how can one be sure of knowing just what freq you are listening on. Even if you have a calibrator, its only as accurate and whatever you have calibrated it against, which itself will be calibrated against something else.

And as for using a BC221, thats a good one. I have a 1936 wavemeter here, I'll use that :-)

I'll be thinking of you all while I'm asleep, hi.

Have fun. Ben G4BXD

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: BA Freq test ! :-)
Message-ID: <Pine.ULT.3.96.970505150540.26837B-1000000@admin.aurora.edu>

On Mon, 5 May 1997, BEN NOCK wrote:

> Midnight and 2 in the morning !!!!!
> I guess I shan't be sending a log in then.

Certainly do not want to exclude anyone because of time zone differences. How many others would take part if another transmission could be made say around 1215Z?

> I'm confused ?? if Fred transmits on 3595, and someone with
> a 455khz IF and 456khz bfo measures it at 3596, so what ?

It doesn't matter what the receiver IF is. Most methods use a hetrodyne principle at the carrier frequency. Nor does the BFO enter into the picture as it would be turned off.

> I'll be thinking of you all while I'm asleep, hi.
>
> Have fun. Ben G4BXD
>

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: "Cheney,Charlie" <ccheney@foxboro.com>
Subject: BA Safety
Message-ID: <c=US%a=_%p=SCD%l=SCD/FOXBORO/000F0E2E@exchange_fox.foxboro.com>

On Sunday, Jim Garland wrote

>I routinely
>install a primary fuse and a surge-limiting thyristor in the primary
>circuit (to limit the turn-on surge) of these old radios, and -- though I
>know purists will cringe -- for safety's sake I usually install a 3 wire
>power cord as well.

Do you have suggested part numbers for the thyristor?

Also, there are pigtail fuses available which don't require a holder;
they are more of a pain to replace, but if one blows, I expect to have
the cabinet open anyway.

73,
Charlie AA1HB

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: BA Safety
Message-ID: <3.0.32.19970505095222.00698d70@mailman.ghgcorp.com>

>Do you have suggested part numbers for the thyristor?

I think Jim meant thermistor, or better known as an inrush current limiter.
Any major electronics parts house has 'em, including Digi-Key and Mouser.
Cannot remember any part numbers, but you figure out what you need by the
maximum current you need to pass, picking the one with the highest cold
resistance and a hot resistance you can tolerate without too much voltage
drop. They work really well, my R-725 and R-388 both power up *very*
slowly with them installed...

73,
Ben

Benjamin D. Hall - Junque collector extraordinaire.
Located in Houston Texas.
e-mail: BDHall@ghg.net
web page: <http://www.ghgcorp.com/bdhall>

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "Richard L. Duell" <rduell@iac.net>
Subject: Re: BC-459 parts needed
Message-ID: <2.2.32.19970504233110.00bd3024@iac.net>

At 05:45 PM 5/4/97 GMT, broehrig@admin.aurora.edu wrote:

>Also, Since I don't want to bugger or swap the rear power connector,
>what suggestions do you have to make a plug for it? I don't want a rack.
>Maybe someone has a junker rack with a good connector?

I haven't done this in a while, but have had some success with wiring up slip on connectors scavenged from another plug, applying anything that could be construed as a release compound (oil, light grease, etc.) on the inside of the plug shell and the pins and then pouring a slow setting epoxy into the plug shell with the connectors in place. Once it sets up, if you have applied your release compound correctly, you have a servicable cast-in-place plug.

Worked for me when I had no other recourse.

73, Rich - W5VDU

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Boatanchor Safety
Message-ID: <v0300780baf928a2b1057@[134.53.65.12]>

Hi Gang,

I've been working this afternoon on an RME-69 (circa 1936) which, like many BAs of its vintage, has a two wire line cord and no fuse. I routinely install a primary fuse and a surge-limiting thyristor in the primary circuit (to limit the turn-on surge) of these old radios, and -- though I know purists will cringe -- for safety's sake I usually install a 3 wire power cord as well.

This afternoon, I was heating up a chassis ground connection in a crowded part of the underside of the radio, and my soldering iron accidentally touched a piece of the cloth-covered hookup wire. To my amazement the wire insulation burst into flames. It burned very fast, almost like a fuse. I blew it out before any damage was done and replaced the wire.

However, the experience reinforced my belief that one really should take

very great care with these old radios. If you want to risk running them without fusing the primary, then don't leave the room when they're turned on.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Thomas Bowes <bowes@klondyke.net>
Subject: Re: Boatanchor Safety
Message-ID: <336D034F.E1@klondyke.net>

Jim Garland W8ZR wrote:

>

> Hi Gang,

>

> I've been working this afternoon on an RME-69 (circa 1936) which, like many
> BAs of its vintage, has a two wire line cord and no fuse. I routinely
> install a primary fuse and a surge-limiting thyristor in the primary
> circuit (to limit the turn-on surge) of these old radios, and -- though I
> know purists will cringe -- for safety's sake I usually install a 3 wire
> power cord as well.

>

Bravo to you, Jim. It only took me half a dozen times of getting zapped when making the antenna connection to realize that there had to be a better way. A friend of mine and I were discussing the possibility of purchasing the 22x30mm rectangular Greenlee punch so that we could install IEC receptacles on the backs of our boatanchor receivers. Now I know this will rankle some of the purists in our midst, but in my mind there is no excuse for a lack of electrical safety when pursuing the hobby. This move would also solve one of the big headaches when moving a 100 pound beast, namely, what to do with the power cord? Oh, did I mention (rhetorically, of course) that you can routinely buy the IEC receptacles, complete with the built in RF filter for a buck or two? Not a bad deal in my mind for a lot of extra protection.

>

> However, the experience reinforced my belief that one really should take
> very great care with these old radios. If you want to risk running them
> without fusing the primary, then don't leave the room when they're turned
> on.

And that's not just with RME's. The old National NC-183's and NC-240D's

are famous for going South when the owner decides to leave the premises. Usually this doesn't cause a fire, but a dead power transformer in a classic rig is nearly as much fun. A fuseholder is one of the most commonly added modifications here at the KK8M shack.

--

"Tom"

Thomas Bowes
KK8M
35332 Churchill
Richmond, Michigan 48062-1179

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: wallace@world.std.com (Andy Wallace)
Subject: Boatanchor Safety
Message-ID: <33711411.13853018@world.std.com>

Hello, Thomas Bowes <bowes@klondyke.net>!=20

>A friend of mine and I were discussing the possibility of
>purchasing the 22x30mm rectangular Greenlee punch so that we could
>install IEC receptacles on the backs of our boatanchor receivers.=20

Which is worse, punching a trapezoid into the back of a BA or having the xfmr give up the ghost? I guess that's debatable.....=20

It's been mentioned before but Radio Shack does sell fuseholders for automotive applications which mount with a single screw. Simple enough to add one of those to a convenient point under the chassis... I did that for a friend's Ocean Hopper. No holes required.

>And that's not just with RME's. The old National NC-183's and NC-240D's
>are famous for going South when the owner decides to leave the premises.
>Usually this doesn't cause a fire, but a dead power transformer in a
>classic rig is nearly as much fun. A fuseholder is one of the most
>commonly added modifications here at the KK8M shack.=20

The fuse (of the proper rating) didn't save my HRO-50 about fifteen years ago. The transformer cooked -- not a fire but a sort of internal meltdown. Produced a bad smell but no dripping tar, etc. The fuse never blew! It might have been a short in the secondary. My dad had a similar transformer in his junkbox and we grafted it in -- wonder if the original was heaved? I might try unwinding and repairing it if it could be found... :-) Oh well!

A thought -- anyone worked out details of fusing the SECONDARY of a xfmr? I would think that would save the iron if the caps short, but I wonder what a good amperage value would be.=20

--Andy

wallace@world.std.com

Curly: Oh....short wave?

Moe: No! Poimanent.=20

<BONK!>

(THEY STOOGE TO CONGA, 1943)

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997

From: jackiv@juno.com (John M Iverson)

Subject: Re: Boatanchor Safety

Message-ID: <19970504.201136.3390.2.jackiv@juno.com>

re safety in the old BA's I quite often, but not always install a 5 amp" little fuse" 5 a fuse and hide it so someone cannot bypass it to do damage to a fine radio.....of course if I am questioed I will say what and where. No not sneaky, but to preserve a nice BA. Comments please.
Jack K0EWU jackiv@juno.com

On Sun, 4 May 1997 22:35:41 GMT Thomas Bowes <bowes@klondyke.net> writes:

>Jim Garland W8ZR wrote:

>>

>> Hi Gang,

>>

>> I've been working this afternoon on an RME-69 (circa 1936) which,

>like many

>> BAs of its vintage, has a two wire line cord and no fuse. I

>routinely

>> install a primary fuse and a surge-limiting thyristor in the primary

>> circuit (to limit the turn-on surge) of these old radios, and --

>though I

>> know purists will cringe -- for safety's sake I usually install a 3

>wire

>> power cord as well.

>>

>Bravo to you, Jim. It only took me half a dozen times of getting

>zapped

>when making the antenna connection to realize that there had to be a

>better way. A friend of mine and I were discussing the possibility of

>purchasing the 22x30mm rectangular Greenlee punch so that we could

>install IEC receptacles on the backs of our boatanchor receivers. Now

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>know this will rankle some of the purists in our midst, but in my mind
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>hobby. This move would also solve one of the big headaches when moving
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>100 pound beast, namely, what to do with the power cord? Oh, did I
>mention (rhetorically, of course) that you can routinely buy the IEC
>receptacles, complete with the built in RF filter for a buck or two?
>Not
>a bad deal in my mind for a lot of extra protection.
>
>>
>> However, the experience reinforced my belief that one really should
>take
>> very great care with these old radios. If you want to risk running
>them
>> without fusing the primary, then don't leave the room when they're
>turned
>> on.
>
>And that's not just with RME's. The old National NC-183's and
>NC-240D's
>are famous for going South when the owner decides to leave the
>premises.
>Usually this doesn't cause a fire, but a dead power transformer in a
>classic rig is nearly as much fun. A fuseholder is one of the most
>commonly added modifications here at the KK8M shack.
>
>
>--
>"Tom"
>
>Thomas Bowes
>KK8M
>35332 Churchill
>Richmond, Michigan 48062-1179
>

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: launerb@crl.com (William H. Launer)
Subject: Re: Boatanchor Safety
Message-ID: <v01530500af92f383e06e@[192.0.2.1]>

Boatanchorites,

I posted the following circuit protection discussion some time ago, but I think it bears repeating.

-----Repeated Message-----

Most of my design activity in the Aerospace industry involved in power and power distribution systems. One of the most difficult concepts for the Avionics designers to understand was that the basic purpose of a fuse (or circuit breaker) is to protect the wire, not the equipment.

According to the "Design Manual on Aircraft Electrical Installations" (AIA, 1958):

"Overload Characteristics of Fuses: The inverse-time or overload characteristics of fuses generally differ from the thermal overload characteristics of electric equipment; because fuses are seldom located or designed to respond ideally to changes in the ambient temperature of the electric equipment, they do not provide good equipment protection. Generally they can provide only short-circuit protection, and if some degree of equipment protection is desired they will be selected to over-protect the electric wire."

A typical "fast-blow" fuse will carry 135% of rated current for up to 3600 seconds before opening. It takes 300% of rated current to cause instantaneous opening. A "slow-blow" fuse will carry 135% of rated current for up to 3600 seconds before opening, and takes 300% of rated current for 6 seconds (minimum) to cause instantaneous opening.

Since we normally put the fuses on the primary side of a power transformer (especially in HV supplies), and the output filters have large capacitors, which can act as nearly infinite current sources, NEVER expect a fuse to protect you from shock (or worse!).

While the dangers of high voltage are well known, low voltage, high current, power supplies can also be hazardous; while you won't be shocked by 12 or 28 vdc, be cautious and don't wear rings or watches when you might get in contact with them - the resulting burns can be nasty!

Safety first!

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arc1 #3551
Grid Square EM48RT

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
Subject: CAPACITOR LEAKAGE
Message-ID: <9705051628.aa19606@pcusa01.ecunet.org>

Here's more from off BA list:

> From: Mike Fulstone <decatur@swbell.net>
>
> Subject: Capacitor Leakage
>
> Here's what I have on the subject.
> An electrolytic capacitor depends on a microscopic oxide film on
> aluminum for its dielectric. This film can be punctured by surges,
> overvoltages, etc. Many times you can 'Form' or 'Reform' the capacitor
> by discharging it completely through a bleeder resistor (NEVER a 'dead
> short') and then recharging it to full capacity by putting it on a bench
> power supply set at a very low voltage in series with a high resistance.
> The voltage of the power supply is slowly increased until the operating
> voltage for the capacitor has been reached. Then leave the capacitor on
> 'charge' for several hours.
>
> This should fill the little pinholes in the dielectric with an oxide
> film and solve your leakage problem.
>
> Back in the late '80s/early 90s I was in the Oregon Air National guard
> and working with Harris Corp. "Pacer Bounce" systems. We kept getting
> short-lived filter capacitors in our power supplies and after
> instituting a program of "forming" all new Filter Capacitors we solved
> our problem. I sent a report to Harris Corp. detailing what we were
> doing shortly before I retired. Their Engineers had never heard of this
> process.
>
> All it takes is a bench power supply, two pieces of wire, two alligator
> clips, and a current limiting resistor of adequate size. I don't know
> how to type a circuit diagram or it would be included here. (.... ..)
>
> My father (now a silent key, W6OPF) taught me this when I was just 6 or
> 7 years old. He was in Ham Radio from 1911 on. He also taught me that a
> dried out electrolytic could be restored with a shot (with a hypodermic
> needle) of Boric Acid solution inserted through the vent on the
> capacitor. I don't remember the strength of the solution. The vent is a
> little rubber or tar plug near the electrodes. Forming was required
> after this process.
> (DON'T put the 'hypo' in deep enough to damage the 'innards' of the

> capacitor) The vent needs to be sealed back up after you do this.
>
> If you are successful then your old boat anchor can keep its OEM
> capacitors, making it more valuable for collectors.
>
> Please let me know if you need more details, I will try to help.
>
> Mike Fulstone KB5DZC

-John Sehring (Mon, May 5, 1997 5:45 pm MT @Baker, Montana) UCC WB2EQG

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Randy Zelick <h2rz@odin.cc.pdx.edu>
Subject: circuit breakers (&fuses)
Message-ID: <Pine.PTX.3.91.970505060149.10095A-100000@odin.cc.pdx.edu>

Hi all,

With the thread on poor fusing I could not help sharing this experience with everyone:

Last week we were running two experiments at once in my lab, which required having three racks of test equipment, two computers, an air blower and misc. other stuff running simultaneously. After a while we noticed that really awful electrical fire smell and systematically turned off stuff sniffing all the while for the offending item. No luck. So we decided it must be a fluorescent light ballast and ignored the problem. Well over the next few experiment days the problem got worse and we finally called facilities to come and replace the ballast or whatever. What they discovered you will find amusing.

When I had the lab remodeled a couple of years ago the campus architect and the electrician's office had a meeting about powering the test/scientific equipment and took note of the fact that the three equipment racks were to stand in the middle of a floor space, and claimed that the fire marshall would have a fit if I ran a 15 foot extension cord from a wall outlet to the racks. This is a code violation they believed. Their solution was to provide me with two cord reels in the ceiling with pull-down outlet boxes. These were quite expensive and I recall having the renovations delayed for a couple of weeks while they were ordered and installed.

Well guess what was frying in the lab last week? The cord reels use, are you ready... *18 gauge* wire and were individually run to the hall electrical panel using circuits rated for and protected with 40 amp breakers. So here you have a professional electrical staff in a commercial building worrying about an extension cord being a code violation who then

specify the installation of a #18 cord reel on a 40 amp circuit. We are all lucky that I didn't try to draw 35 amps or so.

Needless to say I had a little discussion with the electricians office last week.

Cheers,

=Randy=

R. Zelick
Dept. Biology
Portland State University
P.O. Box 751
Portland, OR 97207
503-725-3086 (voice), 503-725-3888 (fax)
email: h2rz@odin.cc.pdx.edu
web: <http://odin.cc.pdx.edu/~h2rz/>

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: filter +case 51S1
Message-ID: <v03007811af9370772f7f@[134.53.65.12]>

>Also anyone know about cases for a 51S1, if they are possible
>to buy someplace and if so how much they usually would cost?

>73 de Jim SM2EKM jeh@on.mobile.telia.se

Hi Jim,

There is great demand for 51S1 cabinets because so many surplus 51S1s are rack mounted versions, and people would rather hve table versions. I see a request for a cabinet nearly every week. Unfortunately, 51S1 cabinets are nearly impossible to find.

However, a 51S1 will fit in a KWM2 cabinet, with a small modification. The KWM2 cabinet has two slots on the rear for cables to pass through. To use on on a 51S1, you will need to file out the space between the two slots, turning them into one long slot. KWM2 cabinets turn up frequently, because there are so many military junkers floating around. Many of the cabinets need to be refinished,, however, though you might get lucky and find one in good condition.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Found some interesting BA gear
Message-ID: <1.5.4.16.19970504232017.380f613c@pop.mindspring.com>

Gang,

The OT who has been working with me on some projects from North carolina was cleaning out two boxes in his attic prior to moving to Florida. HE found two items:

First, he found a keyer paddle (think its a bug) that was made by Dow-Key in 1952. Guess the Key in Dow key means something. He also has a bug labeled with the Lafayette name. I remember these from late 50 Lafayette catalogs.

Second, he found a small transmitter that he purchased in the early 1950's that looks like a Micamold or Ameco. 6L6 final, 5U4 rectifier...he cleaned it off and found it was made by Meissner. Add another name to the many companies that made 15 to 30W plug in coil transmitters. He has 20 and 40 coils and a instruction sheet that is front and back with a block diagram. I sent him a copy of the Micamold schematic. (I also stuck in a copy of Milestone Technologies "Codemaster" to see if I could get him interested in CW again for getting his license..his Class A ticket expired in the late 50's while raising a family). He thinks the transmitter came from Harvey's in New York.

Anybody ever seen a Meissner like this before?? Did they make it or was this made by someone else? I have seen many "signal shifters".

73, Dave K4JRB

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: "Grant Youngman" <nq5t@gte.net>
Subject: Re: Found some interesting BA gear
Message-ID: <199705051122.GAA06941@smtp.gte.net>

> Second, he found a small transmitter that he purchased in the early
> 1950's that looks like a Micamold or Ameco.
> Anybody ever seen a Meissner like this before?? Did they make it or

> was this made by someone else? I have seen many "signal shifters".

Curious ...

I was just looking at a picture of this little rig in Moore's book.
Says it was made in 1952-53. Unlike the Ameco or Micamold rigs, the
Meissner used a balanced link output network.

Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>
Double Oak, TX -- nr Dallas

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: FS/FT: Bendix connectors
Message-ID: <19970505015946.AAA13182@LOCALNAME>

A lot of Bendix Military Bayonet connectors (all cable types with cable clamps)
NOS in with gold-plated inserts (male or female pins) in separate containers.
each set sealed in poly bags. I have about 50 of each of the numbers below.
If someone is interested in the whole lot, I'll include the special pin inserter
and the pin crimping tool. These connectors cost around \$6-10 back in the late
1970's! (each) Each is packed with a "Silver Saver" to prevent corrosion.

Types I have: PT01CE-18-32P (SR) 32-pin male
PT06CE-18-32S (SR) 32-pin female
PT01CE-14-19P (SR) 19-pin male
PT06CE-14-19S (SR) 19-pin female

Anyone interested in just a few, I'll sell them for \$5 a set (male and
mating female)
If anyone is interested in the entire lot, I'll sell them for \$200 and throw
in the tooling.
All prices exclusive of shipping costs. The tooling today is easily worth this.
These are very nice connectors for someone needing some compact,
very high quality, MIL-spec multiwire connectors.
I am also open to trades for boat anchor Radio gear, test gear.

Sandy W5TVW
E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes
Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: William Donzelli <william@ans.net>
Subject: FSK in the U.S. Navy
Message-ID: <199705051619.AA20135@interlock.ans.net>

A simple question...

When did the U.S. Navy start using FSK? The earliest bits of equipment I
have seen date from the very last days of World War 2 - was this the start?

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Jerry Proc <jproc@bellglobal.com>
Subject: RE: FSK in the U.S. Navy
Message-ID: <01BC5954.68B134A0@finlay.bellglobal.com>

From: William Donzelli[SMTP:william@ans.net]
Sent: May 5, 1997 12:20 PM
Subject: FSK in the U.S. Navy

>A simple question...

>When did the U.S. Navy start using FSK? The earliest bits of equipment =
I=20
>have seen date from the very last days of World War 2 - was this the =
start?

William,

You are very close. The year was 1947 and the RCN was also involved with =
the USN trials. My source is Cdr John Charles, a former Haida CO during =
the Korean war. He was actually involved with the trials.

Regards,
Jerry Proc
jproc@bellglobal.com
=20

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: "P. J. Rovero" <provero@connix.com>
Subject: Re: FSK in the U.S. Navy
Message-ID: <Pine.BSI.3.95.970505140224.11631A-100000@comet.connix.com>

The RCA FRR/MRR/SRR series receivers, all 1950 +/- one year,
have FSK positions on the mode switch.

A summary is on the "family" page under my SRR-13 web page.

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: http://www.connix.com/~provero/

On Mon, 5 May 1997, William Donzelli wrote:

> A simple question...
>
> When did the U.S. Navy start using FSK? The earliest bits of equipment I
> have seen date from the very last days of World War 2 - was this the start?
>
> William Donzelli
> william@ans.net
>

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Fuses
Message-ID: <336D210A.5CCF@vifp.monash.edu.au>

Hi all,

William Hawkins wrote:

>
<snip>

>
> people used to put pennies behind plug fuses, too.
>
> Do you have a horror story about a fuse?

We never had those plug fuses in Australia but they were mentioned in lots of US publications. When I was an engineering student we had a section in the eng. library devoted to a collection of cartoon books (it was a bequest from a past engineering professor). These were good for hours of fun when I should have been studying and included some real gems. There was one I particularly liked which was devoted to cartoons about electrical engineers - (I bet you never thought such a thing was possible :-)

What this is leading up to was a cartoon of an irate engineer standing outside the tangled smoking ruins of a high voltage switchyard. A policeman has brought along a sheepish looking man in a janitor's uniform holding a plug fuse. The engineer is saying:

"Only a penny you said, only a penny!!"

I can't remember the name of the book, but I'd love to have a copy!

73

Morris

Morris Odell Victorian Institute of Forensic Medicine
Forensic Physician 57-83 Kavanagh St, Southbank 3006
mailto:morriso@vifp.monash.edu.au Victoria, Australia
http://www.vifp.monash.edu.au/CFM/staff/mo.html

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Greenville (SC) Hamfest
Message-ID: <1.5.4.16.19970504232316.380f8e3c@pop.mindspring.com>

Anyone going to the Greenville hamfest (actually held in Anderson, SC) next saturday from metro Atlanta?

Dave K4JRB

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Bob/WB0AUQ <brainbol@idir.net>

Subject: Re: Hammond Museum Web Site
Message-ID: <336D3CD0.5ED6@idir.net>

Thomas,
I get a report back that the URL
<http://www.kcarc.on.ca/hammond/index.html>
has no DNS. Is it correct?? Would like to check it out.
tnx,
Bob

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: Re: Hammond Museum Web Site - THE correct URL
Message-ID: <Pine.OSF.3.93.970504222600.11994B-100000@govonca2.gov.on.ca>

I thought this looked wonky when I saw the URL earlier today ---
been to the Museum and the Web page both. Both are great.

But....

the URL is

<http://www.kwarc.on.ca/hammond/index.html>

since it is the Kitchener-Waterloo club web page, not the 'kc'
(note the kc in the 'wrong' URL as posted that supposedly has no DNS.

Brien
Toronto

On Mon, 5 May 1997, Bob/WB0AUQ wrote:

> Thomas,
> I get a report back that the URL
> <http://www.kcarc.on.ca/hammond/index.html>
> has no DNS. Is it correct?? Would like to check it out.

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Hey , Thanks for the concern

Message-ID: <UPMAIL03.199705042219470316@msn.com>

Hey Gang, I knew I would stir up something with the stroboscope item.
In all seriousness it did happen to me, I also Have had a problem, Like MR. J spoke of... Driving thru a series of trees with the Sun behind., kind of like an avenue of strobe lights. Ran off the road once, thank God at low speed. But for 99.999 % of my life this hasn't bothered me.
I never planned on being a pilot anyway.I wonder, does this qualify me for some kind of government care?

Thanks to all for there concern... I will remember it always.

Now for Business.. Sombody find me a HT-32, A ,B exciter sub chassis.
Iam tired of looking at my unit , sans front panel.Got to get it put back together so I can charge 350.00 for it and about 275.00 for the matching SX-101 MKIII.

Piece , My friends
AL
fritsche@msn.com

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Tom Norris <badger@telalink.net>
Subject: Re: hi
Message-ID: <3.0.1.32.19970504194055.006e9794@telalink.net>

>From: Kitra101@aol.com
>Date: Sun, 4 May 1997 17:59:10 -0400 (EDT)
>To: badger@telalink.net
>Subject: Re: hi
>
>I JUST WANNA KNOW WHAT EVERYTHING MEANS IN THAT HUGE LIST
>
>

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Eagles may soar free and proud, but weasels
never get sucked into jet engines.

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: w4bld@juno.com (Robert B. Kerby)

Subject: Hi-Manuals Address

Message-ID: <19970504.192721.7487.1.W4BLD@juno.com>

Hello - Would someone please e-mail me the address for Hi-Manuals.

Thanks, Bob

Robert B. Kerby -I collect Gonset, Elmac, Lysco, and Morrow-
Post Office Box 991 (UPS ADDRESS: 231 Rosser Avenue)
Waynesboro, VA 22980 (540) 942-4356 w4bld@juno.com

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: jackiv@juno.com (John M Iverson)

Subject: Re: Hi-Manuals Address

Message-ID: <19970505.022641.9822.0.jackiv@juno.com>

HI MANUALS P.O. BOX802 COUNCIL BLUFFS IA 51502
SEND \$2.00 TO GET LATEST CATALOG, IT IS THE ONLY WAY. ALSO HE IS THE
BEST ONE TO QUERY ON THE OLD GLOBE STUFF HE HAS IT ALL.... NO
INTEREST HE IS JUST A GOOD RESOURCE
jackiv@juno.com

On Mon, 5 May 1997 00:30:33 GMT w4bld@juno.com (Robert B. Kerby) writes:

>Hello - Would someone please e-mail me the address for Hi-Manuals.

>Thanks, Bob

>Robert B. Kerby -I collect Gonset, Elmac, Lysco, and Morrow-

>Post Office Box 991 (UPS ADDRESS: 231 Rosser Avenue)

>Waynesboro, VA 22980 (540) 942-4356 w4bld@juno.com

>

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: "Daniel H. Arney Jr." <kn6di@idt.net>

Subject: HICKOK 6000A Tester

Message-ID: <336DCC7D.1E3F@mail.idt.net>

The 6000A tester has been removed from the market due to email and local
calls saying that I should keep it for a backup.

Sorry for any inconvenience

Hank KN6DI

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: Info Needed: Solar CF

Message-ID: <19970505203913.AAA2502@LOCALNAME>

Looking for a copy of an instruction manual for the Solar Electric Model
CF "Exam-eter" capacitor analyzer. Something like a Sprague Tel-Ohmike.

Anybody have any poop out there?

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: "Warren, Mike" <mwarren@fs.com>

Subject: many radios for sale (re-post from rec.radio.swap)

Message-ID: <c=US%a=_%p=FSFT%l=EMAIL-970505182619Z-695@email.fs.com>

I am posting this list for KB0MXR. Any interests please e-mail me at
dwshock@usa.net and I will put you in contact with Ron. Thanks

AA0UF

BRAND	MODEL	DESCRIPT	PRICE
HALLICRAFTERS	S-38C	RECIEVER,4 BAND,AM,CW	\$40.00
"	S-95	" ,0-100,152-174	50.00
"	S-36A	" SERIAL # 1	425.00
"	S-119	" SKY BUDDY-2-BOTH	125.00
"	S-40A	" -3- EACH	65.00
"	S-40B	"	65.00
"	SX-100	" EXCELLENT	125.00
"	S-120	" PARTS	20.00
NATIONAL	NC-57	" GOOD	40.00
"	NC-98	" 10,15,20,40,80 BANDS	100.00
COLLINS	R-388	" IN CASE EXCELLENT	175.00
ELMAC	PMR-6A	" EXCELLENT	50.00
ELDICO	SSB-100F	TRANSMITTER	225.00
"	SSB-1000	AMPLIFIER - EXCELLENT	450.00
JOHNSON	6 N 2	TRANSCIEVER 6M, 2M	125.00
GONSET	COMM III	TRANSCIEVER 6M	75.00
RME	RME-45	RECIEVER	50.00
"	RME-70	"	50.00
"	RME-84	"	50.00
B & W	370	SINGLE SIDEBAND ADAPTER	75.00
HEATHKIT	DX-60	TRANSMITTER	65.00
"	HG-10	VFO	50.00
"	SB-300	RECIEVER	75.00

"	SB-620	SCOPE	100.00
"	HS-1661	SPEAKER	25.00
SWAN	350D	TRANSCIEVER, NEEDS ALIGN	100.00
	270B	" SIGNET	100.00
"	350C	"	75.00
"	350	"	75.00
HAMMARLUND	HX 500	TRANSMITTER -2- EACH	125.00
"	HX 50	" -3- EACH	175.00
"	SP 600VLF	RECIEVER 10-540 KC	375.00
"	SP 600JX	" -4- EACH	275.00
"	SP 400	"	150.00
"	SP 400	DELUXE	300.00
"	BC 779	" MILITARY SP400	125.00
"	S-PRO VLF	"	125.00
"	S-PRO	"	125.00
"	HQ 129X	" -3- EACH	100.00
"	HQ 100C	"	110.00
"	HQ 110	" -2- EACH	100.00
"	HQ 140X	"	125.00
"	HQ 145C	" 2 RESISTERS BAD	125.00
"	HQ 145AC	"	150.00
"	HQ 160	"	150.00
"	HQ 170C	"	165.00
"	HQ 170A	"	175.00
"	HQ 180AC	"	175.00
"	HC 10	SINGLE SIDEBAND CONVERT	125.00

--

73 de
AA0UF/Doug

"Its not who asked the question but
what the question was that counts."

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Mil Radio Meet
Message-ID: <2.2.32.19970505192612.0073e4b4@marlin.nosc.mil>

After some auto trouble I finally got to Camp San Luis Obispo for the Mil Radio Collectors Group meeting and swap meet. First off, it is an fine site for a Mil Radio or Mil Vehicle meeting or field day. Dave Ragsdale

picked a winner. The car trouble caused me to miss most of the swap but what I saw was outstanding. You don't often see a pile of new command sets along with new looking command set test meters. There were manuals, equipment, parts, etc and no computers!

Henry Engstrom's program, which was posted to BA, started at 9:00 with Hank Brown presenting the 1930 vintage but like new RU/GF radio set. Hank also had a complete Command set station working. Henry Engstrom ran a 'restoration round table' for folks to exchange ideas on reworking old sets followed by Tom Horsfall with his "Horse-Talkie"/ "Pogo Stick" radio (SCR-511). It is the first of those I've ever seen one and it worked! Ken Corwin did the last presentation before lunch. He had two BC-348s on hand and gave a very fine account of the set's development and history. Ken knows this receiver. Dave Ragsdale, who got us the site, made arrangements for a professional BBQ guy to do the lunch. The afternoon session had a narrated slide presentation of Mike Hanz' outstanding collection of WW II aircraft comm., intercept, and countermeasures hardware. We were properly reverent! The collection displays the wave of technological change that took place during the war. Saying Mike had a large well planned collection would be an understatement. The rest of the afternoon was taken up with OSS training films, "Want and Have" session, business meeting, and viewing all the military radio equipment brought by participants and on display around the room. All in all I had a great time. Henry's program covered a lot of territory and it was fun to meet some BA folks that I only know through email or the phone. And yes, it will happen again next year.

Andy Miller will be the program chairman, Dave Ragsdale will set up the site again, and I'm the mail out guy. Cal Estaquio, N6KYR, is putting together an article for ER on the meeting. If you want to receive an activities flyer and other mailouts send me your postal address.

Ed Zeranski : ejz@marlin.nosc.mil, work / ezeran@cris.com, home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!
This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Bob/WB0AUQ <brainbol@idir.net>
Subject: Need Manual/Info TG10 Keyer
Message-ID: <336D4897.3AFB@idir.net>

Picked up one of these in nice shape and would like a manual and/or info on it. Tag says: Signal Corps / Keyer TG-10-J / MFG The Gray Mfg Co, with contract date of 1943. Even has some code practice tapes (purchased from Ultradyne Electronics, Oswego, OR). I've wanted one of these machines for a long time

and just stumbled upon it. Not quite what one would haul in to the Novice classes for teaching code, but would be fun to demo. Thanks for any help.

73, Bob/WB0AUQ/brainbol@idir.net

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "Robert Nickels" <ranickel@subcellar.mwci.net>
Subject: On the Boulevard
Message-ID: <199705050128.UAA01083@subcellar.mwci.net>

Hi All,

Does anyone have the address for the Boulevard Electronics Collectors Association? (I suspect it would be a pretty small club!)

Found this interesting 1953 vintage BA in the wee hours today at the Sandwich IL hamfest. It has to be the most elaborate receiver never to have been burdened by a power transformer - an 11 tube kit with a pair of 25L6's in the output. Aside from the picture in Moore's book, this is the only one I've ever seen, and would sure like to hear from anyone who has one of these one-hit wonders!

73, Bob W9RAN
ranickel@mwci.net

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: Tom Norris <badger@telalink.net>
Subject: 000000PS
Message-ID: <3.0.1.32.19970504195534.00739fec@telalink.net>

Sorry about the "re: hi" post. Not sure just how it got into my out box and was sent....

blush

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Eagles may soar free and proud, but weasels
never get sucked into jet engines.

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: RAF Bathtub keys
Message-ID: <199705050728_MC2-15F5-D010@compuserve.com>

If anyone is still looking for one of these
nice bakerlite RAF WWII keys, as used
on the Lancaster bomber and such with the T1154
and R1155, then let me know.

I have 2, at \$50 each, posted.

both are in very good condition.

Ben G4BXD.

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: don merz <71333.144@CompuServe.COM>
Subject: RAS, CY-1218, SX-10 FS
Message-ID: <970504222644_71333.144_DHB42-4@CompuServe.COM>

Vinatge Amateur Gear For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com
Offers and trades welcome!

National RAS receiver. WWII-vintage version of the HRO-Jr. (the
"jr." indicates that it has no S-meter and no crystal filter).
The other difference from the civilian HRO is the 175kc IF
frequency. Includes all 7 original RAS coils. Five of these have
the same serial number but the BCB coil and one LF coil have
different serial nos. The coils all have the correct RAS tags.
This radio is missing the nomenclature tag. Also, the knob on the
PW dial has a deep scrape in it. But there are no holes or other
modifications. The chassis is clean enough to eat off of. I
tested this with the BCB coil and the 80 meter coil and it works
as designed but all the switches need cleaned badly--they are
full of static and dead spots. I'd also recommend some voltage
and resistance checks just to be safe. Requires an external power
supply (240vdc & filaments) which is not included. Includes
original RAS manual with no covers. Designed for rackmounting but
has its' original sheetmetal cover so it can be used on a
desktop. \$180

Hallicrafters CY-1218 control box for the BC-610. This control

box was used in the GRC-38 station and several others. It is the successor to the JB-70 that was in the SCR-299 & SCR-399 trucks. It looks very similar to the JB-70 but it lacks the pushbutton "Generator Start/Stop" switch in the middle of the JB-70. Like the JB-70, this connects between the BC-614 speech amp and the BC-610 TX. All original. Complete. Untested. Includes a copy of the relevant sections of the GRC-38 manual. \$140

Hallicrafters SX-10. Bill Orr says that this was the first commercial VHF receiver ever marketed and that less than 200 of these were made. It's a 1936-vintage radio that covers 5.5-80 mc. This one has 2 modifications--an S-meter in the upper left hand corner and an output transformer has been added to permit the use of an 8 ohm speaker. The S-meter is the one that Hallicrafters introduced with the SX-16 just one year later so it looks correct and is close to the correct vintage as you could get. The S-meter lights up as it should, performs correctly and appears to be flawlessly installed as though done at the factory. So it is hard to tell that it is not original. It may have been a factory retro-fit but I can't prove that. The paint and German silver dial are in excellent condition. The knobs are all correct and all but one have their little plastic pointers intact. This SX-10 works great on the lower bands. But it is nearly deaf on the upper bands. With manual photocopy, Bill Orr article copy and other documentation that I have collected. A fine radio. \$395

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: William Donzelli <william@ans.net>
Subject: RCA 8014As
Message-ID: <199705042119.AA22124@interlock.ans.net>

I picked up a rather battered radar transmitter yesterday, and will need a pair of U.S. Navy RCA 8014A tubes. The problem is, I do not know what 8014As look like! My guess is that they follow the "micropup" line on construction, judging from the mounts (no sockets - flying filament leads, finned anode, threaded grid post).

Can any tube experts out there tell me if I am correct? What do these look like? Does anyone have a pair?

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: Bill Richarz <bill.richarz@transprt.com>
Subject: Re: Re Fuses
Message-ID: <199705050457.EAA14375@sco.theporch.com>

At 05:47 AM 5/4/97 GMT, you wrote:

>

>

>Hi Gang:

>

>Bill Hawkins writes that he ran into two power supplies that had a serious
>problem develop because someone, in one case used a 25 Amp auto fuse. The
>other disaster happened because someone wired around the fuse.

Here's another one...

I just acquired a DX-40. The wiring harness was fused together at one point for about an inch. I managed to separate the wires, but will be looking for a new wiring harness.

The plug had two fuses in it, but both were shorted together with about a #12 wire, not sure what the value of that would be, but obviously it wasn't enough to melt wire that size.

Got a manual & looked to see what size the fuse should be, no fuses according to the schematic, nor a mention of one in the manual.

Did Heathkit actually design the DX-40 without fusing it? Dunno!

73 de Bill, N4DH

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: KG9IL@aol.com
Subject: Sandwich, Ill. fest
Message-ID: <970505000801_810593391@emout18.mail.aol.com>

I enjoyed the fest also. Thought the crowd was not as big as last year, even though it rained last year. Came home with a HW-100 that needs a little attention(\$25)....a HM-2140 SWR meter and a REALLY nice GD-1B with all the coils in their original box. Sold a Seneca. Hope to meet some of the fellow listmembers at the fests as I get more involved with the list.

Kevin....KG9IL

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: "Robert Nickels" <ranickel@subcellar.mwci.net>
Subject: Sandwich IL Hamfest
Message-ID: <199705050201.VAA03575@subcellar.mwci.net>

Gang,

Nice hamfest as usual in Sandwich IL today. Usually good BA 'fest, no doubt due to natural BA resonance from the old James Knights Crystal works nearby...

As K9EUI stated, prices seemed high, although I was able to pick up a rack mount HRO-60 with speaker and 3 coils for \$175 which I thought was quite reasonable, considering what they seem to be selling for. And the unusual Boulevard receiver, a couple of old Heathkit catalogs for a quarter each (a "dealer" had already made off with a handful of old Allied catalogs for the same price!), and a really cool old Knight Kit 100-in-1 Electronic Lab Kit, complete with manual and most of the parts for \$2! This is OK to mention on this list, because it has one tube in it...complete with HV power supply all with those nice spring-clip solderless connections. (Just try to imagine the lawsuits if they tried this today...)

Saw HT-44/SX-117 pair for \$400, SX-122 for \$200 (mint), HQ-110 for \$80, several cheap DX-60s, T-150's, etc. Gonset mobile twins and p/s w/o cable for \$65, SX-101 and HT-37 unsold at \$150 each. Not much Collins, Drake, etc, and my cheap crummy Galaxy V and a nicer more expensive one went unsold, as did TX-62 at \$45, S20R at \$80, and SX-43 at \$80. The guy is still taking offers on his 30S1 RF deck!

Highlight of the 'fest was a huge trailer - must have been 20 ft. long, filled - and I mean filled - with electronic "make offer" junk. One lucky fellow found a minty Heathkit Mohican for \$15, and this is where the 100-in-1 was uncovered as well. Great stuff, and in true hamfest tradition, the guy had a 5 gallon bucket full of free peanuts to munch while you "shopped"!

A Gonset VHF converter passed from Mark NOJWI's basement to mine after a brief stint in bicycle mobile service (thanks Mark, I think).

A tip of the hamfest hat also to new list member Mike - WB9IOG - maker of the Hammarlund clock bezels, they look great.

73, Bob W9RAN

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: william wiggins <bwiggs@worldnet.att.net>

Subject: Shack cleaning sale

Message-ID: <19970505005851.AAA17752@LOCALNAME>

I have the following items for sale. Prices DO NOT include shipping.

Ameco SWB SWR bridge pickup unit. Fair shape not tested \$10 Shipped

Heathkit "Twoer" Not working, missing case and Mic Jack \$10

Following tubes check OK on my Hickok 752

1 - 6LR6 used \$10

1 - 6KD6 New \$20

1 - 6JS6C used \$5.00

1 - 6JS6A used \$5.00

All above tubes for \$30.00

I do not have a way of checking the following tube:

Amperex 5894B appears to be new in Motorola box, Was purchased as a spare several years ago \$25

The following original manuals:

1963 Radio Amateurs Handbook \$9.00 Fair shape

Heathkit HWA-2036A-3 pwr supply \$3.00

Heathkit HD-1984 Micoder II \$2.00

Eico 324 signal generator assembly and instruction manuals \$5.00

Eico 635 tube tester assembly manual \$3.00

thanks & 73's

Billy

Bwigg@worldnet.att.net

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997

From: CADV16@aol.com

Subject: Still Looking for Collins Overlays

Message-ID: <970505092309_403015182@emout08.mail.aol.com>

I'm still looking for the front panel overlays for the following Collins models: 75S3B or 75S3C receivers and 32S3 or 32S3A transmitters. These are wanted for restoration project. If you can help please advise, willing to pay premium price. Contact: Elliott Klein, email: CADV16@AOL.COM Thank You.

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997

From: George Humphrey <gah@koyote.com>
Subject: TACAN Test Set
Message-ID: <1.5.4.32.19970505032939.006b9198@mail.koyote.com>

Hi BAers,

A friend gave me a TACAN Test Set to part out for a few parts he wants. I always hate to do this if someone can use it for its intended purpose, so It is a PBN 4123, Serial #37 made by ITT Federal Division. If you need it please contact me via e-mail with its worth to you by Thursday and I will pass along the offer to my friend.

73 George KC5WBV
gah@koyote.com

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
Subject: TUNING FORKS, STROBES, ETC.
Message-ID: <9705041546.aa24697@pcusa01.ecunet.org>

Yes, flickering of certain frequencies can cause seizures in certain people, e.g. those who have epilepsy. I seem to recall that 13 Hz was a 'bad' freq.

-John Sehring (Sat, May 3, 1997 6:10 pm MT @Baker, Montana) UCC WB2EQG

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: williams@snowhill.com
Subject: Re: Tunning Forks, Strobos, et all
Message-ID: <336D7DD4.685C@snowhill.com>

> a mile of Eucalyptus trees along its west edge. During the time of
> day when the sun is low in the west, driving along the road
> produced a strobe effect in a driver's eyesight, and was causing
> them to run off the road. The trees had to be cropped to a more
> random pattern. Fortunately, this was just over ten miles ftrom the
> Pacific Ocean. Had it been closer, more casulties may have
> occurred, since there are heavy penalties for murdering trees
> within the Coastal Commision's zone of influence.
> I have gotten a vertigo - like effect driving on that road, and had to
> use a newspaper to block the pulses.
> We also used a Genrad strobe to test CNC equipment at
> Rockwell. It has warning labels on it and the power cord.

That is called flicker vertigo. It can make you nauseous when flying in a helicopter with the sun at your back and the flickering of the rotor blades hitting the instrument panel. It is mostly felt when wearing a hood as a blinder for flying on instruments. I read an article years ago in Rotor & Wing Magazine about helicopter passengers becoming violently ill because of it.

My wife has epilepsy, so I have learned about the strobe lights too. Monitor flicker at slow refresh rates can become hypnotic to her.

Barry

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Tunning Forks, Strobes, et all
Message-ID: <1997May05.090327-0500@spike.vuse.vanderbilt.edu>

In <19970503.165347.3470.0.rlahlum@juno.com>, Ross J Lahlum wrote:

>
>Yeah, flashing lights can cause seizures. I know of a couple of cases
>where
>people have had them due to strobes. One time I was playing a music job
>(this was at the end of the psychedelic '60's) and we had a strobe light
>going.
>A girl in the audience who happened to be epileptic had a seizure.
>They also use strobes when doing EEG's on patients when they're looking
>for abnormal electrical firing in the brain.
>

The most perilous "band" for seizure inducement by strobes is centered on 8 Hz. Anything below about 2 or above about 15 is much less effective, if at all. Amazingly, this is actually an authoritative statement..... I do research on this kinda thing.

A. B. Bonds

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Re: Tunning Forks, Strobes, et all
Message-ID: <199705051501.JAA07332@lynx.csn.net>

At 14:03 5/5/97 GMT, you wrote:

>In <19970503.165347.3470.0.rlahlum@juno.com>, Ross J Lahlum wrote:

("standing") waves in the brain at particular frequencies. These frequencies vary from individual to individual (and even from neuron to neuron) but generally fall around 8-13 Hz in the primary visual cortex. They result from the fact that an excitatory barrage is usually followed by deep inhibition, which "primes" the excitatory circuits for their next activity. If the next excitatory stimulus is delivered immediately after this priming, one gets a clear facilitation (amplification) of the signal. We typically see peaks in the Bode plots around 9-10 Hz that can be 25-40% above the response at other nearby frequencies. The Q is pretty good, in that the peaks can have bandwidths of about 1 Hz.

More than you ever wanted to know....

A. B. Bonds

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: TV-3 - Help!
Message-ID: <199705050007.TAA15143@dfw-ix4.ix.netcom.com>

Does anyone have a meter for a TV-3 tube tester? If I can't find a meter, who would be interested in a TV-3 parts unit?

- Jeff, WA6AHL

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: WA6GYD@aol.com
Subject: VOM for sale
Message-ID: <970504181633_1920367624@emout13.mail.aol.com>

This is a beautiful (a 10) Lafayette model TE-60 30,000 ohms per volt unit that looks like a miniture Tripplett. 250MV to 1KV DCV, 2.5V to 1KV AC, .05 ma. to 12 amps, X10, X1K and X10K res scales and a buzzer for continuity. With set of test leads and a new 15V batt for hi ohms. PPD conus \$25

Don

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: W4UOC@aol.com
Subject: Wanted: Gonset Communicator III Manual/copy & Knobs
Message-ID: <970505003703_-1633218773@emout12.mail.aol.com>

I recently received a very nice Gonset Communicator III from a list member

and have it active on 50.4 here in the Atlanta, GA area. Have encouraged some locals to come up on freq. with their Gonset G-76s and the activity seems to be increasing.

I am looking for a manual or copy of a manual for the Communicator III. In addition the only knob that does not seem to be the stock "blue" is the manual transmit/receive knob. I suspect it should look like the lever type knob on the meter selector. Does anyone know what it should look like.

Other than the one strange knob it is a 10 in my eyes!

I'll be listening for some of y'all on 50.4 as the band becomes more active.

Tom Koch - W4UOC
8170 Habersham Waters Road
Dunwoody, GA 30350
w4uoc@aol.com

From boatanchors@sco.theporch.com Sun May 4 23:39:19 1997
From: heathkit@juno.com
Subject: Warminster (Pa) Hamfest
Message-ID: <19970504.221738.3638.4.heathkit@juno.com>

Report: Warminster (Pa) Hamfest - 04MAY97
Wasn't gonna go, weather on Saturday was nasty - blowing & rainy. Got a call 5:30 AM Sunday morning from an anxious buddy (W3QVU); no clouds in sight, there's stars in the sky - let's saddle our horses.

Now, I'm glad I went. Now, give me a break, guys. I'm only 45 and never paid much attention to the military stuff, but I got to see my first R-390 (pretty nice, too; \$395.00). I guess my age has me rooted in the late 50s and 60s/70s radios. Growing up on the farm with a Heath CR-1 Crystal Receiver (still part of my station) established my product loyalty also. Met fellow BA'er Steve Finelli there.

Saw two NC-183s (\$100 & \$150) that definitely weren't "10s". NC-300 for \$150 and a Hammerlund HQ-145 - \$200. Also a Hallicrafters HT-40 (\$50 negotiable - almost bought it). Came home with 1 tube (6DE7) for my DX-40. That tube tests funny on my Allied tube checker; even new ones check bad on the "short" test; must be my checker.

Now if I could have only found the SB-640 VFO I was looking for. I want so badly to complete my "SB" station.

Danny Ruth (W3ZF) heathkit@juno.com

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: weekly want list
Message-ID: <1.5.4.16.19970505051746.2c8f8890@ms1.nwla.com>

Howdy GAng

here is my weekly want list. Some same, some new

Collins 8R1 calibrator for my A3

Pair of top and bottom covers for R388

vox gain knob for Viking Invader. (note: all three knobs on back are the same, vox gain, anti-trip, vox delay) so any of these will suffice.

B&W 851 or 852 tank coil

Dow Key Relay Body. this must be the style that will take the external contacts, which I have. Also have the coil, so all I need is a body. This is holding up a project, c'mon ya'll, someone has one of these.

pair of tuning knobs. I may have described these incorrectly yesterday. I thought these were off a BC375, now Im told they came off of a BC191 tuning unit.

These are black knobs with a knurled outside. The have 0=-100 dial markings that actually move on a venier movement, when you turn the knobs. I need the entire assemblys, knob, venier, dial. Fair does not have them anymore.

pair of good used 813's

thats about it for now.

thanks in advance

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-----  
| Ronnie Hull - W5SUM ex-WB5AIA |  
| 3131 Meadow Parkway dr. |  
| Shreveport, La 71108 |  
| |  
| 318-688-1389 318-687-3135 Fax |  
| 10X - 2019 "try ten meters!! " |  
| |  
| looking for a Johnson 500 |
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(go ahead and snicker!!)

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: dfrancis@iex.net (Dexter Francis)
Subject: What's a R-868A/ARR-44B?
Message-ID: <v01520d0aaf94025adc44@[207.0.57.74]>

I have access to two of these, fresh from overhaul at Hughes Aircraft, with tags still on.

Buf first, the question is; What is it?

I'd guess it's a later version of the ARC-5 family of airborne RX, but outside of that I'm clueless.

Any ex-airforce radio tech's out there that recognize this ID?

Vintage 1961

-df

* For a listing of tubes and related parts try: *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Mon May 5 15:46:21 1997
From: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
Subject: WHY I LOVE TUBES
Message-ID: <9705051628.aa19537@pcusa01.ecunet.org>

>From a BAer not on our list:

> I LOVE TUBES!
>
> Reason #1
>
> One little item to share regarding 'Empty State' vs Solid State:
> When the current increases across a semiconductor the noise increases.
> Tube noise depends on cathode heat and gassiness.
> Therefore Empty State audio equipment will have a constant noise 'floor'
> while the solid state noise floor will vary wildly. A constant noise
> level is much easier to deal with.
>

> Reason #2

>

> You can wire the equipment while wearing boxing gloves. :-)

>

> Reason #3

>

> I think they are pretty when they are glowing away in a set. Especially

> those mercury vapor rectifiers! LEDs just don't thrill me at all.

-John Sehring (Mon, May 5, 1997 5:41 pm MT @Baker, Montana) UCC WB2EQG